

Lake Jesup BMAP Allocations - Derivation of Overall Required Reduction

DRAFT for discussion at the March 20, 2008, Lake Jesup BMAP Meeting

	NET Loads (MT)			
	TMDL (Current Loads)	TMDL (loads to meet target TSI)	Required Reductions in TMDL	Required Reductions for BMAP
Surface	14	7.5	6.5	6.5
Baseflow	3.3	3.3	0	0
Septic Tanks	2.7	1.2	1.5	1.5
Groundwater	0.6	0.6	0	0
Atmospheric	3.1	3.1	0	0
River	5.1	3.3	1.8	0
Total	28.8	19	9.8	8
Data source:	TMDL Table 5.13b	TMDL Table 5.17b (consistent with Table 6.1)	= (Current Load - TMDL Target Load)	River reductions not required
	TMDL tables were based on net loads for surface runoff. No modifications required.			

	GROSS Loads (MT)			
	TMDL (Current Loads)	TMDL (loads to meet target TSI)	Required Reductions in TMDL	Required Reductions for BMAP
Surface	14.9	7.5	7.4	7.4
Baseflow	3.3	3.3	0	0
Septic Tanks	2.7	1.2	1.5	1.5
Groundwater	0.6	0.6	0	0
Atmospheric	3.1	3.1	0	0
River	5.1	3.3	1.8	0
Total	29.7	19	10.7	8.9
Data source:	TMDL Table 5.13b, with modified surface value	TMDL Table 5.17b (consistent with Table 6.1)	= (Current Load - TMDL Target Load)	River reductions not required
	Surface value = 14 MT from TMDL, plus 0.9 MT load reduction from BMPs as calculated in TMDL			